

Creating an Offering

System
createOffering(lessonIndex, Instructor)

Contract CO2: **createOffering**

Operation: createOffering(lessonIndex: int, instructor: Instructor)

Cross References: Sequence Diagram: Creating an Offering

Preconditions:

- Instructor is logged onto the system
- Available lessons are displayed to the system

Postconditions:

- System checks if the instructor is available to work in the city that the lesson is held
- System searches lesson collection to check if the lesson is available
- An Offering instance 'offering' was created (instance creation)
- Instance 'offering' was added to the collection of offerings (association formed)